PRELIMINARY ASSESSMENT (PA) REPORT

Fostoria Industries Inc.
Fostoria, Seneca County, Ohio
EPA ID #OHN 000 510 314

October 1, 2008

Prepared by: Date: 10/6/08
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USEPA Region 5

OhioEPA

State of Ohio
Environmental Protection Agency

Division of Emergency and Remedial Response

Preliminary Assessment Report Fostoria Industries Inc.

Seneca County

October 1, 2008

Ted Strickland, Governor
Chris Korleski, Director

PRELIMINARY ASSESSMENT (PA) REPORT

For

Fostoria Industries Inc.
Fostoria, Seneca County, Ohio
U.S. EPA ID:

OHIO ENVIRONMENTAL PROTECTION AGENCY
Division of Emergency & Remedial Response
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216

October 1, 2008

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1.0 EXECUTIVE SUMMARY

The Ohio Environmental Protection Agency (OEPA) Division of Emergency and Remedial Response (DERR) entered into a cooperative agreement with the United States Environmental Protection Agency (U.S. EPA) Region V to conduct a Preliminary Assessment (PA) of the Fostoria Industries site, located in Fostoria, Seneca County, Ohio. The purpose of this report is to evaluate the site history and current site conditions to determine if further action and sampling is necessary.

2.0 SITE BACKGROUND

2.1 Site Description

Fostoria Industries is an active manufacturing facility located at 1200 North Main Street in Fostoria, Seneca County, Ohio. (Figures 1 & 2). The site is located in an industrial and residential area of northern Fostoria. The site is bordered to the west by North Main, to the east by Railroad tracks, to the north by the Former Chrysler Foundry, and to the south by residential and commercial/industrial areas.

The 12-acre facility encompasses 11 parcels as shown below.

Parcel Number	Acres
P51010859280000	0.1632
P51010859320000	0.1879
P51010859360000	0.1722
P51010859400000	0.1879
P51010859440000	0.1632
P51010859480000	0.1632
P51010859520000	0.1632
P51010859560000	0.1632
P51010859600000	0.2169
P51010859640000	6.945
P51010859680000	3.450

The main products produced include infrared heating and process heating equipment, industrial control panels, industrial and commercial task lighting systems, and metal fabrication. Currently, there are four buildings and six monitoring wells on-site. There is also one industrial well that is no longer used.

2.2 Site History

Northern Fostoria Ground Water Contamination

In May of 1984, high levels of trichloroethylene (TCE) in two process water wells at Bendix Autolite Corporation, a spark plug manufacturing facility in northern Fostoria, were reported to the Ohio EPA. Further sampling was initiated by the company and Seneca County Department of Public Health (SCDPH) and included five nearby residential wells. Although initial sampling of the residential wells did not indicate off-site migration, further sampling later that same year detected VOCs in several residential wells.

In October 1984, Bendix Autolite Corporation contracted with T.A. Gleason and Associates, a Cincinnati based environmental consulting firm, to conduct a comprehensive ground water assessment on the site and surrounding area. As part of the investigation, 85 commercial and residential wells were sampled, including the Fostoria Industries industrial well (site well).

Of the 78 residential wells sampled, VOCs were detected in 18 of the 78 wells with concentrations ranging from 1 to 52 parts per billion (ppb). The site well at Fostoria Industries was also sampled and had TCE detected at 20,500 ppb, as well as other VOCs (Table 1). A health advisory was issued by SCDPH and the homes were provided with bottled water.

In January of 1985, the Ohio EPA sent a questionnaire to 23 industries and small businesses in the Fostoria area concerning their past and present solvent usage and operating practices. From ground water samples and the questionnaire, other potential sources in the northern Fostoria area were identified. They include Bendix Autolite Corporation (AlliedSignal Inc.), Fostoria Industries, Roppe Rubber, Chrysler Foundry, Norton Manufacturing, National Electric Carbon Corp. (AKA Union Carbide), a former dry cleaner, and a quarry. (Figure 3)

April 1986, all residences affected were connected to city water. Some of the wells still exist and are used for washing cars and watering lawns. Additionally, both AlliedSignal and Union Carbide were withdrawing ground water and pumping it to the local waste water treatment plant through the sanitary sewer. It is unknown if this practice is continuing today.

Fostoria Industries

According to the Fostoria Industries web site, the company was founded in 1917. It was originally known as the Fostoria Pressed Steel Corporation and produced after-market parts for the automotive industry, primarily fenders and running boards. This line of production led to the development of new applications, including infrared oven systems used for baking and curing paints on automobiles. Using the same principles as the infrared systems, new innovations in industrial and commercial task lighting were developed and produced by

Fostoria Industries.

The property first appeared on the Sanborn Fire Insurance maps in the early 1900's as "Press Steels" and "Fostoria Fender". Throughout its history, the company has had several different names including Fostoria Pressed Steel Corp., Fostoria Corporation and Fostoria-Fannon, Inc. In 1973, the company was purchased by Tennessee Plastic Industries Corp (TPI) and is currently a wholly owned subsidiary.

Fostoria Industries responded to the 1985 solvent use survey and indicated they used TCE, toluene, and methyl ethyl ketone (MEK) on a regular basis. The average volume of hazardous wastes generated per year was about 960 gallons. Chemical Solvents of Cleveland, Ohio handled their hazardous waste. The company also acknowledged that TCE was stored in overhead tank and dispersed by fill hose direct into degreasing tank. No quantities were given. According to the survey, they used 1,595 gallons of toluene in 1984 and had been using it for 25 years; and 1,100 gallons of MEK was used in 1984 and they had been using it for about 10 years.

Fostoria Industries has one industrial well, the site well, which has not been used in many years. There is no well log on file, but a measurement by the Ohio EPA in 1997 documented the depth at 36 feet, eight inches. The well had no pump and a 6 inch steel casing that was heavily rusted. In the 1985 questionnaire, Fostoria Industries stated that the well was used as a drinking water source until 1975, then as cooling process and boiler make-up water until it was abandoned.

The site well was sampled in December 1984 and again in August 1990 and October 1990 by IEP Environmental Consultants. The results appear in Table 1 below.

Table1:
Sample Results for the Site Well
Parts Per Billion (ppb)

Compound	December, 1984	August, 1990	October, 1990
Trichloroethene	20,500	347	1,200
1,1,1-Trichloroethane	32.2	55.5	0.13
Tetrachloroethene	28	18	ND
Trans 1,2-Dichloroethene	148	16.4	ND
1,1-Dichloroethene	NA	8.9	ND
Vinyl Chloride	NA	NA	ND
Chloroform	16.3	NA	NA
Total Petroleum Hydrocarbons	NA	NA	1,200

In 1990, Fostoria Industries contracted with IEP Environmental Consultants to conduct an environmental assessment. Six monitoring wells were placed on-site

and sampled. Four of the six wells are shallow wells with 2 inch diameter PVC casing and a 10 foot screen. A 4 inch steel protective casing surrounds the wells. The remaining two wells are deep and set at 100 feet. These wells have and 6 inch carbon steel casing, an open borehole from 90 to 100 feet and a 10 inch steel protective casing. The elevation data for the wells can be found in Table 2 below. The well logs can be found in Appendix B.

Table 2:
Summary of Ground Water Elevation Data (Feet)
October 1990

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	Site Well
Depth to Water	12.09	12.7	11.3	11.7	13	12.2	11.97
Top of Casing Elevation	101.59	102.19	102.32	102	100.9	101.01	101.09
Ground Water Elevation	89.5	89.49	91.02	90.3	87.88	88.81	89.12
Screened Interval	8.5 - 18.5	8.0 - 18.0	6.0 - 16.0	90 - 100	90 - 100	7.0 - 17.0	UNKNOWN

The locations of the monitoring wells can be seen on Figure 4. MW-1 is 18.5 feet deep and is located in the TCE tank area not far from the site well. MW-2 is 18 feet deep and was place adjacent to the City of Fostoria sewer line which runs east-west across the site. This site was chosen due to the possibility that contaminants have leaked from the sewer line into the ground water on-site. MW-3, 16 feet deep, and MW-4, 100 feet deep, are the up gradient wells located in the southeast corner of the site. MW-5, 100 feet deep, and MW-6, 17 feet deep, are the down gradient wells located in the northwest corner of the site.

The wells were sampled by IEP Environmental in October of 1990. The samples were sent to Wadsworth/Alert Laboratories of Pittsburgh, Pennsylvania. The results are presented in Table 2 below.

Table 3:
Sample Results for the Monitoring Wells (ppb)
October 1990

Compound	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Trichloroethene	150	920	220	ND	380	ND
1,1,1-Trichloroethane	8	ND	ND	ND	110	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethene	2.4	12,000	7	ND	29	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	140	ND	ND	ND	ND
Total Petroleum Hydrocarbons	ND	ND	ND	ND	ND	ND

2.3 Site Geology and Hydrogeology

IEP Environmental reported results of the on-site drilling in their 1991 report. Five to ten feet of glacial overburden was encountered. This overburden consists of brown soil with scattered black gravel grading into a brown to grey silty clay. Fill material was found at drilling locations near the buildings and was predominately brick, concrete and sand.

The bedrock is a tan to gray Lockport Formation dolomite. This consists of fine grained carbonate with numerous, small solution cavities. There is also some secondary calcite and quartz mineralization. On the Fostoria Industries site, the upper 5 to 10 feet of the dolomite was severely weathered and a white/buff color. This layer contains the upper aquifer. The dolomite was moderately weathered from 15 to 30 feet below ground surface, and only slightly from 30-40 feet. Some fracturing and rust staining was present within the 100 foot interval indicating that they are water bearing fractures.

The estimated yield for the deep wells is 50 to 100 gallons per minute (GPM). The shallow wells in the upper weathered dolomite have an estimated yield of 15-20 GPM. These estimates were based on well development observations and well evacuation during sampling.

From the ground water elevations (Table 2), the shallow ground water flow is to the northwest (Figure 4). The hydraulic gradient is 0.0024. Although there are only two deep wells, it appears that the flow of the deeper zone is also to the northwest. The deep wells appear to be hydraulically connected with the shallow zone, and a net ground water discharge from the shallow zone to the deeper zone exists.

3.0 MIGRATION PATHWAYS

3.1 Soil Exposure Pathway

The Fostoria Industries site is located in an industrial and nearby residential area of Fostoria. The site is mostly covered by buildings and asphalt parking areas, with some grassy areas. The rear half of the site is surrounded by a maintained fence.

According to the Fostoria Industries web site, there are 139 employees on-site. There are no resident individuals, which are defined by HRS rule as a person who lives or attends school or daycare on and within 200 feet of an area of contamination. The nearby population within one mile is 3,044. Census information can be found in Appendix C.

3.2 Ground Water Pathway

The ground water pathway is the main pathway of concern. There is known ground water contamination in the Fostoria area. Although the homes that were initially affected have been connected to the municipal water supply, there are several residential homes outside the city limits to the north and west that utilize ground water wells as their primary water source.

The city of Fostoria obtains their drinking water mostly from surface water sources. However, there are 3 ground water wells that are used as a stand-by water source. These wells are located in a wellhead protection area of the west side of the city near the drinking water reservoirs.

There are two other community ground water systems with in a four mile radius of the site. A day care center located about 3,600 feet to the southeast, and the Fostoria Mobile Home Estates located 1.96 miles to the north and serves 195 people.

3.3 Surface Water Pathway

Runoff from the Fostoria Industries site flows into the sewer system and waste water treatment plant. The surface water intakes for the city of Fostoria are located in two reservoirs on the west side of the city. The population served is about 15,000 people.

3.4 Air Pathway

The Fostoria Industries site is an active manufacturing facility. Most of the land is covered with buildings or asphalt parking areas. There are some grassy areas that are maintained. The possibility of contaminants migrating as gas or particulates is low.

The estimated population according to the 2000 census is as follows:

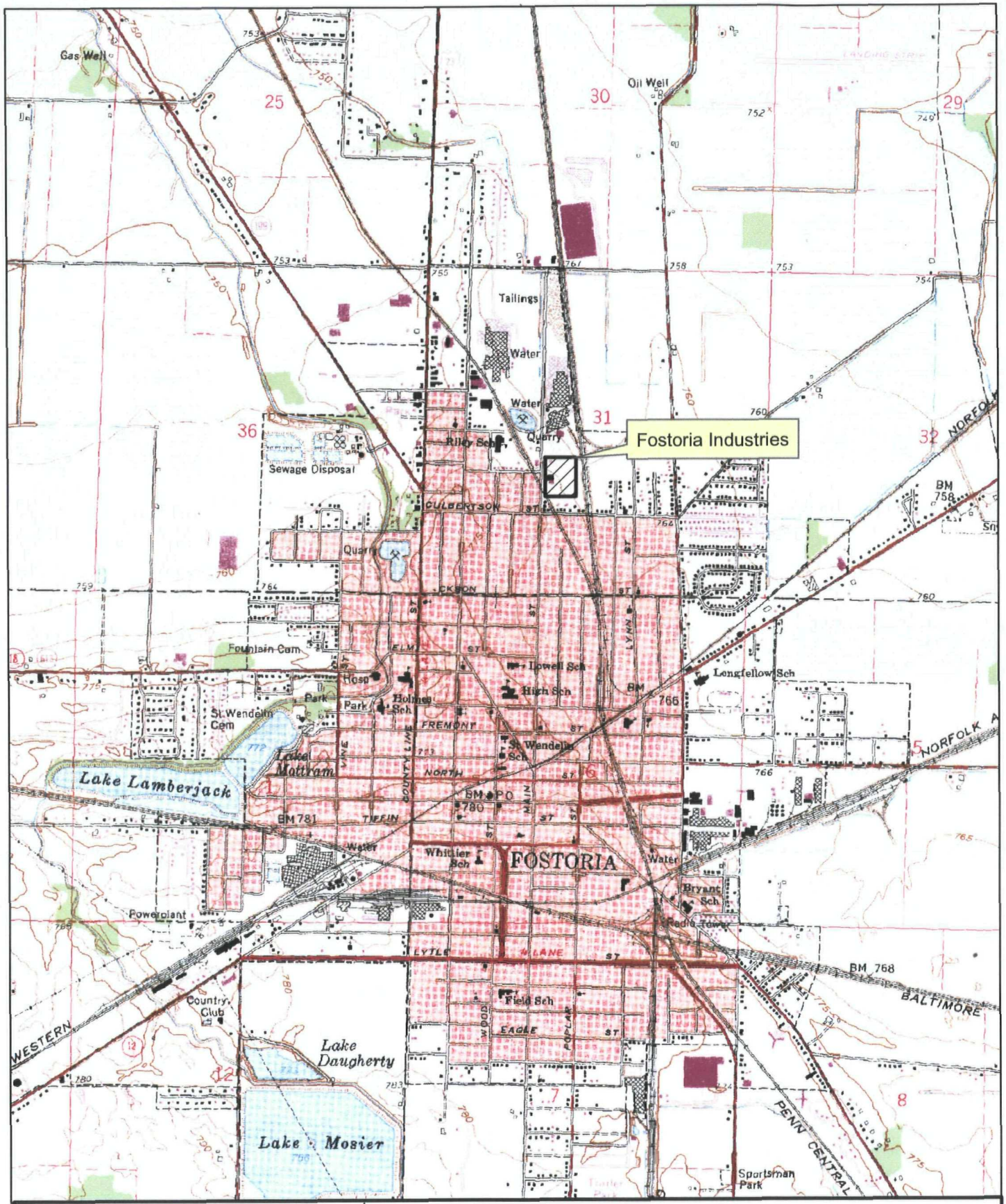
Radius	Population
0 - 1/4	260
1/4 - ½	1,256
½ - 1	3,044
1-2	6,373
2-3	4,028
3-4	2,266
Total	17,227

4.0 SUMMARY

There is known ground water contamination around the northern Fostoria area, and documented ground water contamination under the Fostoria Industries Site. Although most homes in the immediate area are connected to city water sources, there are still several potential targets outside of the city limits. Due to these facts, it is recommended that further sampling be conducted at the Fostoria Industries site.

Appendix A

Figures



FOSTORIA INDUSTRIES
FOSTORIA, SENECA COUNTY, OHIO
USGS QUADANGLE

FIGURE 1: SITE LOCATION MAP

Ohio Environmental Protection Agency

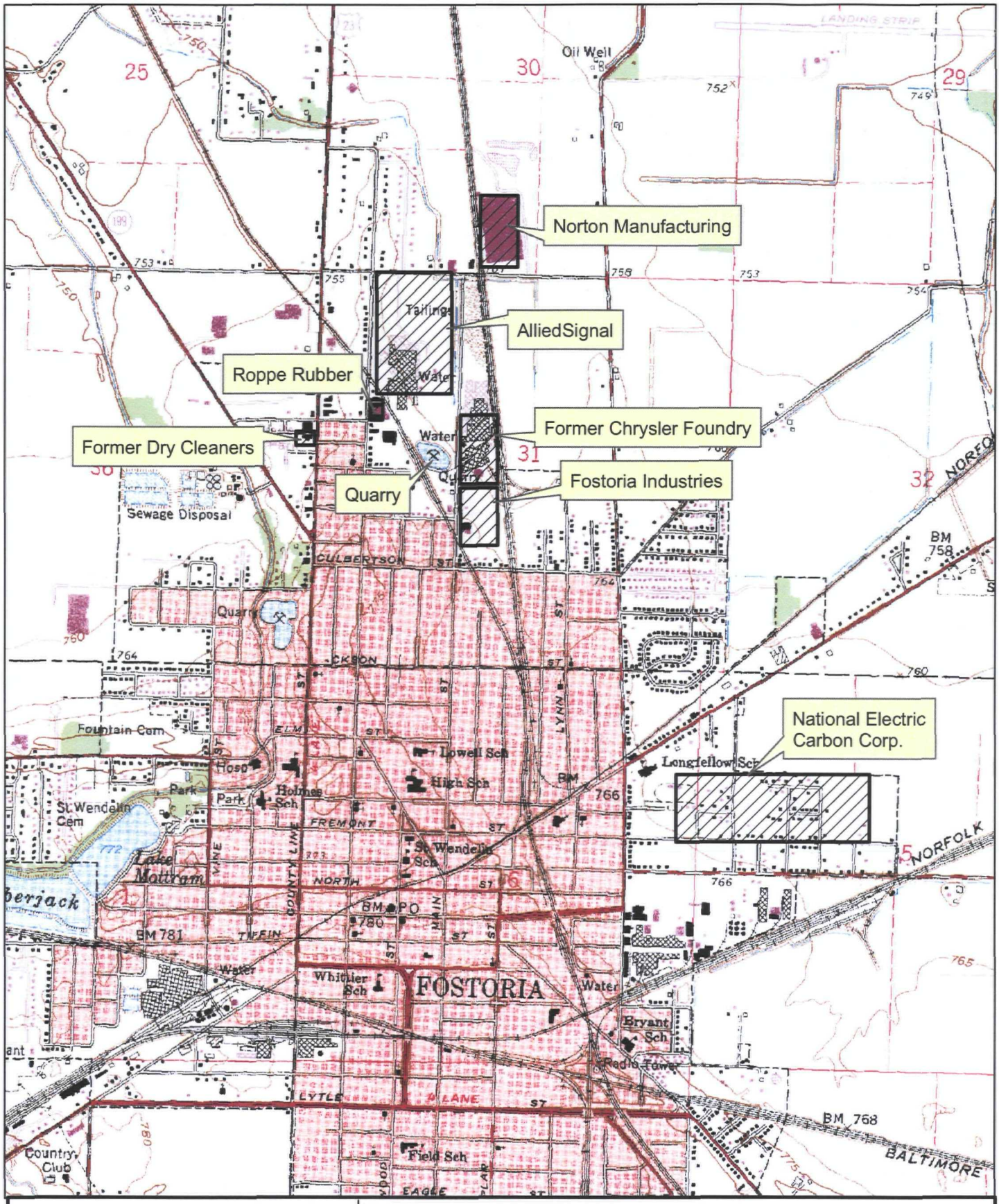
0 500 1,000 2,000 3,000 4,000 Feet

FOSTORIA INDUSTRIES
FOSTORIA, SENECA COUNTY, OHIO
2005 AERIAL PHOTOGRAPH

FIGURE 2: AERIAL PHOTOGRAPH

Ohio Environmental Protection Agency

0 500 1,000 2,000 3,000 4,000
Fee

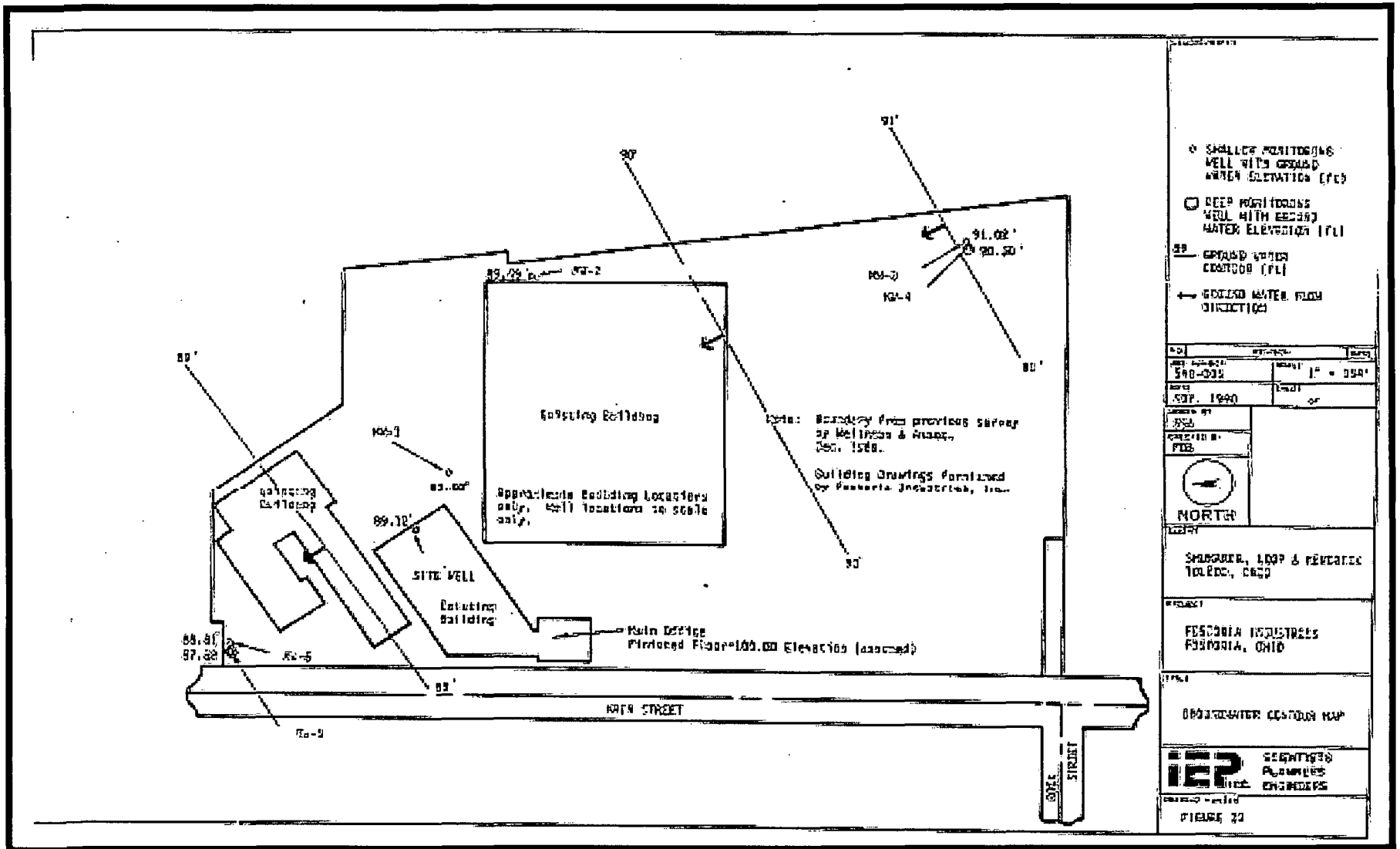


FOSTORIA INDUSTRIES
FOSTORIA, SENECA COUNTY, OHIO
USGS QUADANGLE

FIGURE 3: OTHER IDENTIFIED POSSIBLE SOURCES

Ohio Environmental Protection Agency

0 450 900 1,800 2,700 3,600 Feet



FOSTORIA INDUSTRIES
FOSTORIA, SENECA COUNTY, OHIO

FIGURE 4: GROUND WATER CONTOUR FLOW MAP

From IEP Environmental Consultants

SCALE : UNKNOWN

Appendix B

Well Logs

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716729

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA*	**Township:** *JACKSON*	**Section Number:** *31*
Address: *1200 MAIN ST*		**Lot Number:**
City:	**State:** *OH*	**Zip Code:**
Location Number:	**Location Map Year:**	**Location Area:**
Latitude:	**Longitude:**	

CONSTRUCTION DETAILS

Borehole Diameter: 1: 2:	**Borehole Depth:** 1: *22 ft.* 2:	**Depth to Bedrock:**
Casing Diameter: 1: 2:	**Casing Length:** 1: 2:	**Casing Thickness:** 1: 2:
Casing Height Above Ground:	**Aquifer Type:** *FILL MATERIAL*	
Date of Completion: *1/30/1991*	**Total Depth:** *22 ft.*	**Well Use:**
Driller's Name: *MATHES & ASSOC*		
Screen Diameter:	**Slot Size:**	**Screen Length:**
Type:	**Material:**	
Set Between:		
Gravel Pack Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed:**	
Grout Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed**	

WELL TEST DETAILS

Static Water Level: *12.1 ft.*	**Test Rate:**	**Associated Reports**
Drawdown:	**Test Duration:**	*CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
BROWN SANDY SILT	0	2
TAN CLAYEY SILT	2	4
SAND	4	6
FILL MATERIAL	6	22

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716730

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA*	**Township:** *JACKSON*	**Section Number:** *31*
Address: *1200 MAIN ST*		**Lot Number:**
City:	**State:** *OH*	**Zip Code:**
Location Number:	**Location Map Year:**	**Location Area:**
Latitude:	**Longitude:**	

CONSTRUCTION DETAILS

Borehole Diameter: 1:	**Borehole Depth:** 1: *20 ft.*	**Depth to Bedrock:**
2:	2:	
Casing Diameter: 1:	**Casing Length:** 1:	**Casing Thickness:** 1:
2:	2:	2:
Casing Height Above Ground:	**Aquifer Type:** *SILT*	
Date of Completion: *1/30/1991*	**Total Depth:** *20 ft.*	**Well Use:**
Driller's Name: *MATHES & ASSOC*		
Screen Diameter:	**Slot Size:**	**Screen Length:**
Type:	**Material:**	
Set Between:		
Gravel Pack Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed:**	
Grout Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed**	

WELL TEST DETAILS

Static Water Level: *12.7 ft.*	**Test Rate:**	**Associated Reports**
Drawdown:	**Test Duration:**	*CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
BROWN CLAYEY SILT	0	2
GRAY CLAYEY SILT	2	20

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716731 View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA*	**Township:** *JACKSON*	**Section Number:** *31*
Address: *1200 MAIN ST*		**Lot Number:**
City:	**State:** *OH*	**Zip Code:**
Location Number:	**Location Map Year:**	**Location Area:**
Latitude:	**Longitude:**	

CONSTRUCTION DETAILS

Borehole Diameter: 1:	**Borehole Depth:** 1: *16 ft.*	**Depth to Bedrock:**
2:	2:	
Casing Diameter: 1:	**Casing Length:** 1:	**Casing Thickness:** 1:
2:	2:	2:
Casing Height Above Ground:	**Aquifer Type:** *DOLOMITE*	
Date of Completion: *1/30/1991*	**Total Depth:** *16 ft.*	**Well Use:**
Driller's Name: *MATHES & ASSOC*		
Screen Diameter:	**Slot Size:**	**Screen Length:**
Type:	**Material:**	
Set Between:		
Gravel Pack Material/Size:.	**Vol/Wt Used:**	
Method of Installation:	**Placed:**	
Grout Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed**	

WELL TEST DETAILS

Static Water Level: *11.3 ft.*	**Test Rate:**	**Associated Reports**
Drawdown:	**Test Duration:**	*CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
GRAY GRAVEL & CLAY	0	6
WHITE DOLOMITE	6	16

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716732

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA*	**Township:** *JACKSON*	**Section Number:** *31*
Address: *1200 MAIN ST*		**Lot Number:**
City:	**State:** *OH*	**Zip Code:**
Location Number:	**Location Map Year:**	**Location Area:**
Latitude:	**Longitude:**	

CONSTRUCTION DETAILS

Borehole Diameter: 1:	**Borehole Depth:** 1: *100 ft.*	**Depth to Bedrock:**
2:	2:	
Casing Diameter: 1:	**Casing Length:** 1:	**Casing Thickness:** 1:
2:	2:	2:
Casing Height Above Ground:	**Aquifer Type:** *DOLOMITE*	
Date of Completion: *1/30/1991*	**Total Depth:** *100 ft*	**Well Use:**
Driller's Name: *MATHES & ASSOC*		
Screen Diameter:	**Slot Size:**	**Screen Length:**
Type:	**Material:**	
Set Between:		
Gravel Pack Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed:**	
Grout Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed**	

WELL TEST DETAILS

Static Water Level: *11.7 ft.*	**Test Rate:**	**Associated Reports**
Drawdown:	**Test Duration:**	*CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
BROWN SOIL	0	2
BROWN CLAY	2	8
TAN DOLOMITE	8	15
GRAY HARD DOLOMITE	15	100

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716733

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA*	**Township:** *JACKSON*	**Section Number:** *31*
Address: *1200 MAIN ST*		**Lot Number:**
City:	**State:** *OH*	**Zip Code:**
Location Number:	**Location Map Year:**	**Location Area:**
Latitude:	**Longitude:**	

CONSTRUCTION DETAILS

Borehole Diameter: 1:	**Borehole Depth:** 1: *100 ft.*	**Depth to Bedrock:**
2:	2:	
Casing Diameter: 1:	**Casing Length:** 1:	**Casing Thickness:** 1:
2:	2:	2:
Casing Height Above Ground:	**Aquifer Type:** *DOLOMITE*	
Date of Completion: *1/30/1991*	**Total Depth:** *100 ft*	**Well Use:**
Driller's Name: *MATHES & ASSOC*		
Screen Diameter:	**Slot Size:**	**Screen Length:**
Type:	**Material:**	
Set Between:		
Gravel Pack Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed:**	
Grout Material/Size:	**Vol/Wt Used:**	
Method of Installation:	**Placed**	

WELL TEST DETAILS

Static Water Level: *13 ft.*	**Test Rate:**	**Associated Reports**
Drawdown:	**Test Duration:**	*CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
BROWN MOIST SOIL	0	4
GRAY SOIL	4	6
CLAY	6	6
DARK GRAY GRAVEL & CLAY	6	10
LT. GRAY DOLOMITE	10	16
GRAY DOLOMITE	16	26
TAN DOLOMITE	26	45
TAN DOLOMITE	45	56
COARSE DOLOMITE	56	76
LT. GRAY COARSE DOLOMITE	76	100

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 716734

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FOSTORIA INDUSTRIES*

County: *SENECA* **Township:** *JACKSON* **Section Number:** *31*

Address: *1200 MAIN ST* **Lot Number:**

City: **State:** *OH* **Zip Code:**

Location Number: **Location Map Year:** **Location Area:**

Latitude: **Longitude:**

CONSTRUCTION DETAILS

Borehole Diameter: 1: 2: **Borehole Depth:** 1: *18 ft.* 2: **Depth to Bedrock:**

Casing Diameter: 1: 2: **Casing Length:** 1: 2: **Casing Thickness:** 1: 2:

Casing Height Above Ground: **Aquifer Type:** *DOLOMITE*

Date of Completion: *1/30/1991* **Total Depth:** *18 ft.* **Well Use:**

Driller's Name: *MATHES & ASSOC*

Screen Diameter: **Slot Size:** **Screen Length:**

Type: **Material:**

Set Between:

Gravel Pack Material/Size: **Vol/Wt Used:**

Method of Installation: **Placed:**

Grout Material/Size: **Vol/Wt Used:**

Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *12.2 ft.* **Test Rate:** **Associated Reports**

Drawdown: **Test Duration:** *CONST. DIAGRAM*

COMMENTS: *NONE*

WELL LOG

Formations	From	To
BROWN SOIL	0	4
GRAY SOIL	4	6
CLAY	6	6
DARK GRAY CLAY	6	10
BROWN DOLOMITE	10	18

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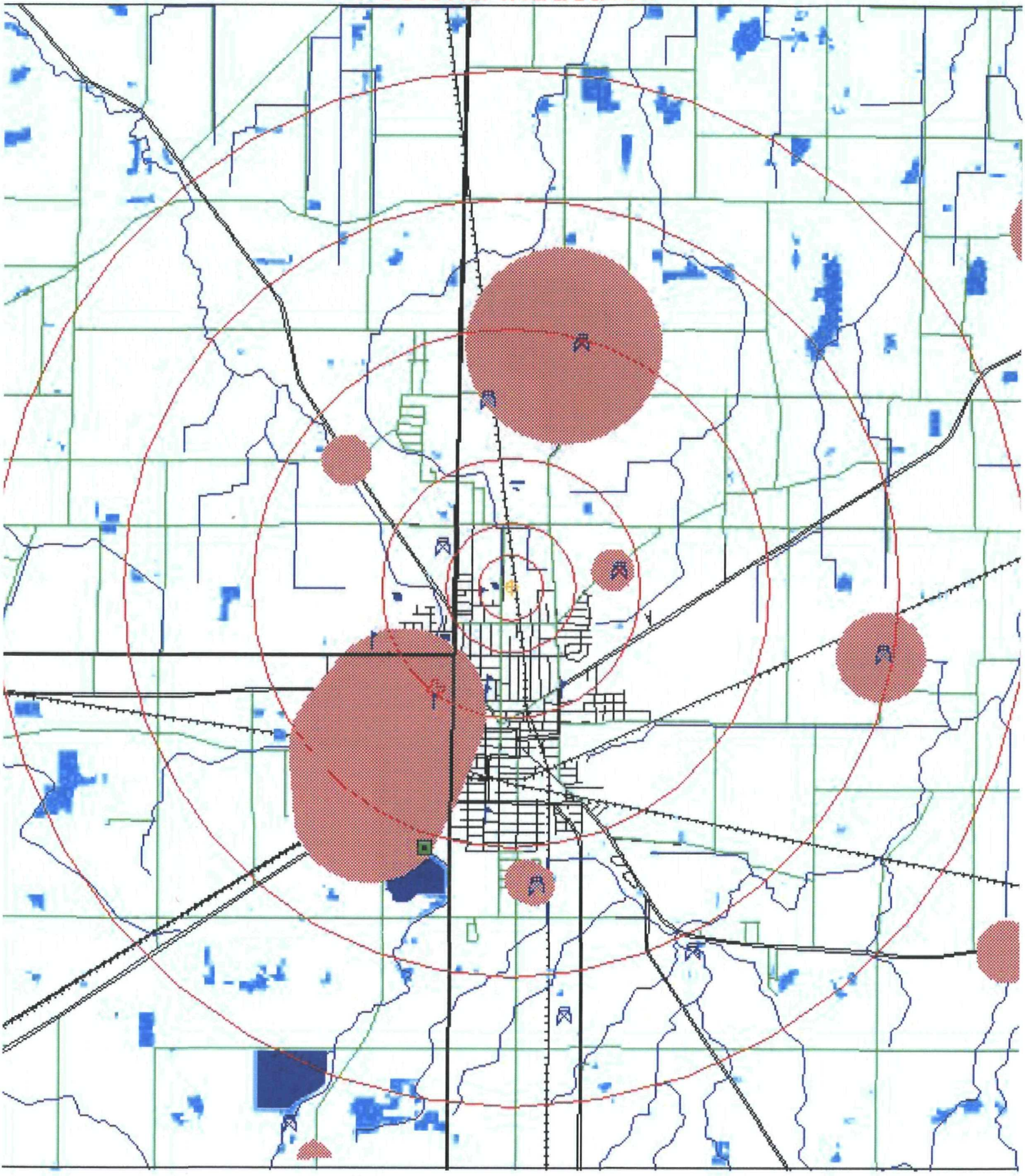
Well log questions - Web site questions - Web policies

Appendix C

GIS Maps and Tables

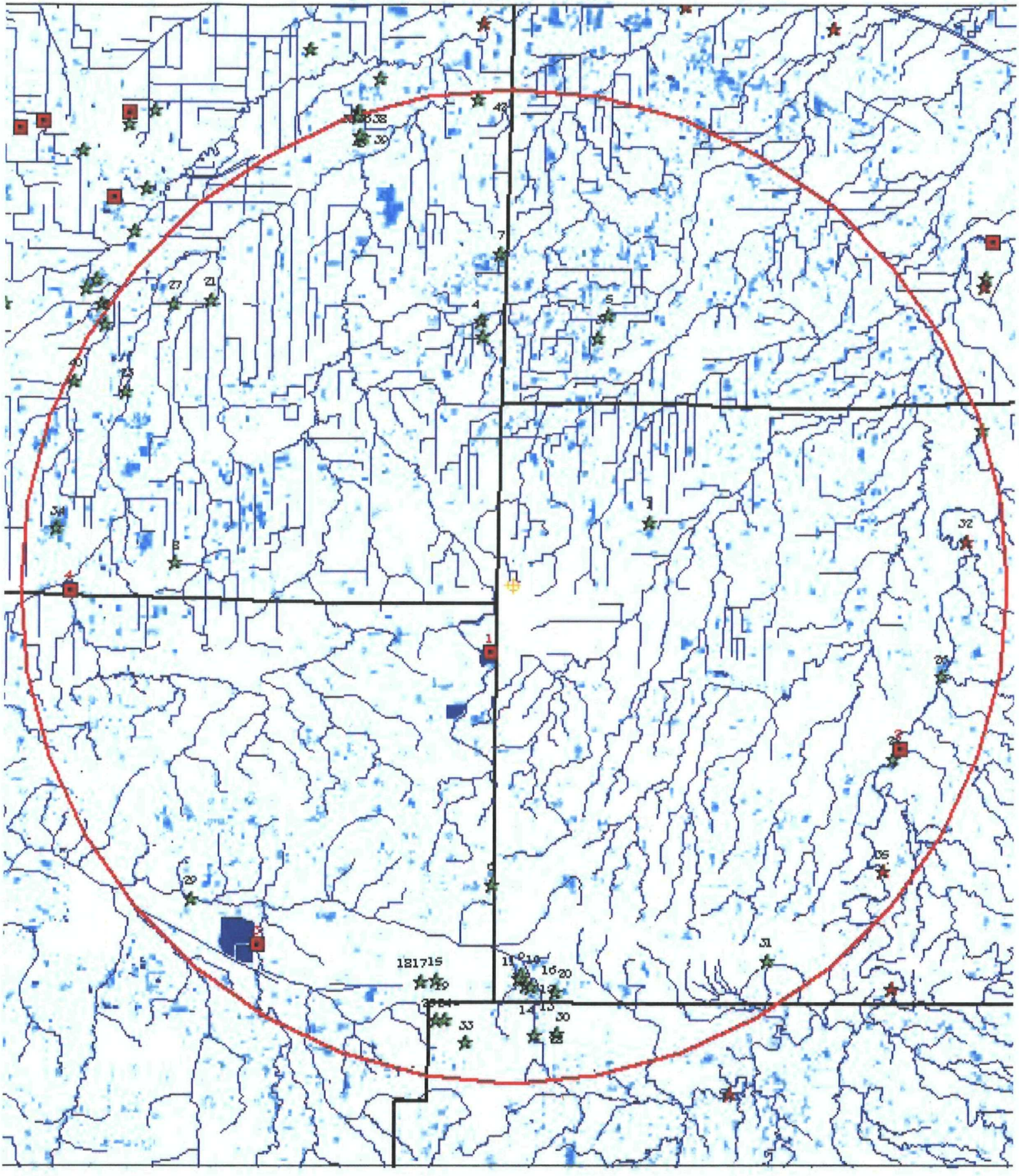
Seneca County
Fostoria Industries



GEOGRAPHIC INFORMATION SYSTEM 15-MILE RADIUS MAP

NATURAL HERITAGE DATA

Fostoria Industries



Site

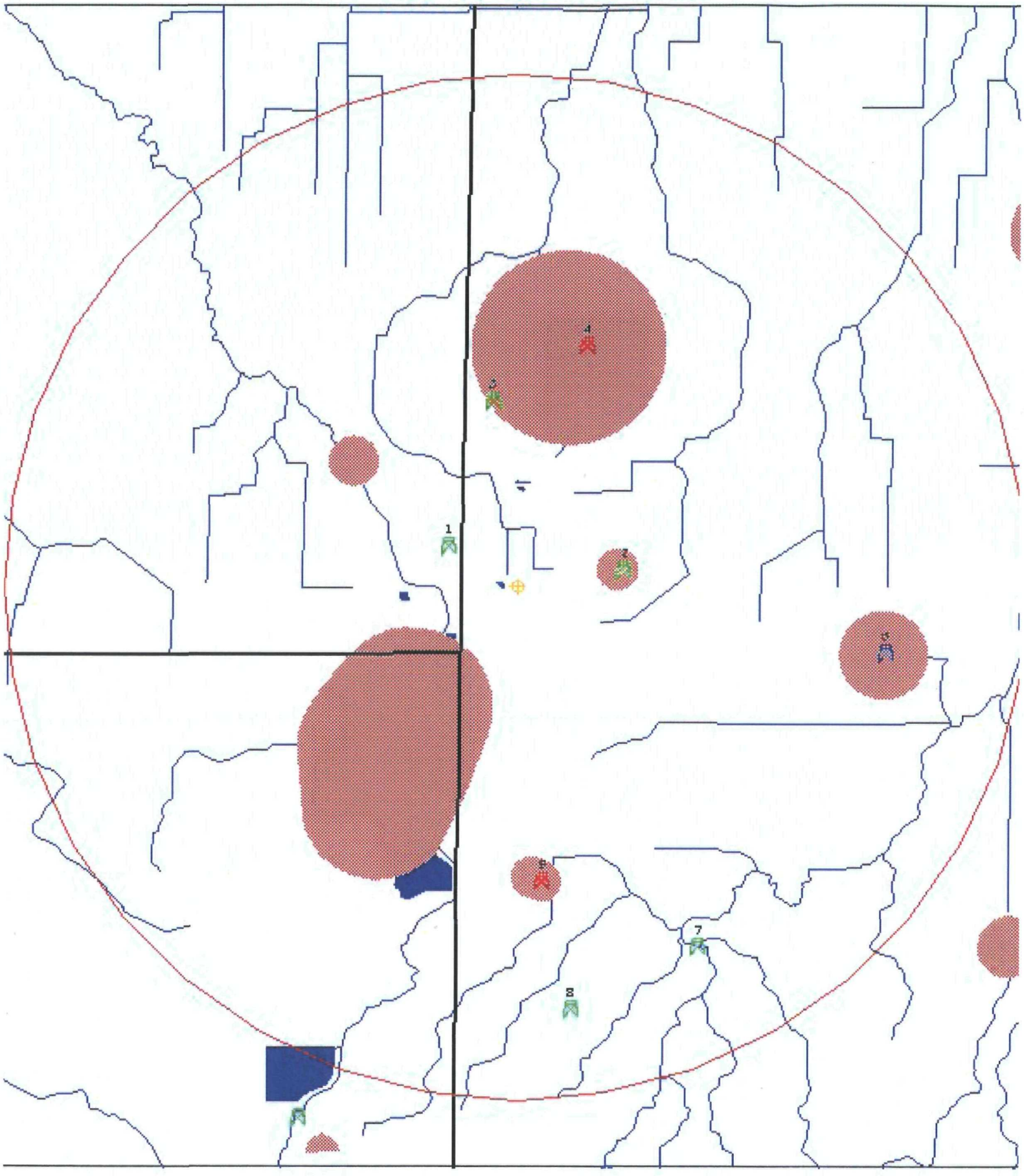
Rivers & Streams

Wetland Area

GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

PUBLIC GROUND WATER SYSTEMS

Fostoria Industries



Fostoria Industries
Natural Herritage Data

ID	STATUS	DISTANCE	SCIENTIFIC NAME	COMMON NAME
1	State Endangered	4.6085	LANIUS LUDOVICIANUS	LOGGERHEAD SHRIKE
2	State Threatened	7.6064	CAREX CRUS-CORVI	RAVEN-FOOT SEDGE
3	State Threatened	7.9822	CELTIS TENUIFOLIA	DWARF HACKBERRY
4	State Threatened	8.0685	HEDEOMA HISPIDA	ROUGH PENNYROYAL
5	State Threatened	8.6975	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
6	State Endangered	9.0184	CAREX ALOPECOIDEA	NORTHERN FOX SEDGE
7	State Threatened	10.0861	HEDEOMA HISPIDA	ROUGH PENNYROYAL
8	State Threatened	10.2890	CONYZA RAMOSISSIMA	BUSHY HORSEWEED
9	State Threatened	11.6983	CLEMMYS GUTTATA	SPOTTED TURTLE
10	State Threatened	11.7958	BETULA PUMILA	SWAMP BIRCH
11	State Threatened	11.8308	CLEMMYS GUTTATA	SPOTTED TURTLE
12	State Endangered	12.0119	POTAMOGETON GRAMINEUS	GRASS-LIKE PONDWEED
13	State Endangered	12.0119	ELEOCHARIS PAUCIFLORA	FEW-FLOWERED SPIKE-RUSH
14	State Threatened	12.0119	IXOBRYCHUS EXILIS	LEAST BITTERN
15	State Threatened	12.0493	CELTIS TENUIFOLIA	DWARF HACKBERRY
16	State Endangered	12.1167	CYPRIPEDIUM CANDIDUM	WHITE LADY'S-SLIPPER
17	State Threatened	12.1956	ARABIS HIRSUTA VAR ADPRESSIPILIS	SOUTHERN HAIRY ROCK CRESS
18	State Threatened	12.1956	ANEMONE CYLINDRICA	PRAIRIE THIMBLEWEED
19	State Threatened	12.1956	CELTIS TENUIFOLIA	DWARF HACKBERRY
20	State Threatened	12.2969	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
21	State Endangered	12.6366	FUNDULUS DIAPHANUS MENONA	WESTERN BANDED KILLIFISH
22	State Threatened	12.7092	MOXOSTOMA VALENCIENNESI	GREATER REDHORSE
23	State Endangered	13.1522	FUNDULUS DIAPHANUS MENONA	WESTERN BANDED KILLIFISH
24	State Threatened	13.2390	CELTIS TENUIFOLIA	DWARF HACKBERRY
25	State Threatened	13.2759	CELTIS TENUIFOLIA	DWARF HACKBERRY
26	State Endangered	13.2892	GOMPHUS EXTERNUS	PLAINS CLUBTAIL
27	State Endangered	13.3921	FUNDULUS DIAPHANUS MENONA	WESTERN BANDED KILLIFISH
28	State Threatened	13.5393	BETULA PUMILA	SWAMP BIRCH
29	State Endangered	13.5525	TOXOLASMA LIVIDUS	PURPLE LILLIPUT
30	State Threatened	13.5638	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
31	State Endangered	13.6942	LANIUS LUDOVICIANUS	LOGGERHEAD SHRIKE
32	Federally Threatened	13.8186	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
33	State Threatened	13.8319	CELTIS TENUIFOLIA	DWARF HACKBERRY
34	State Threatened	13.9561	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
35	Federally Threatened	14.1441	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
36	State Threatened	14.2846	DESCURAINIA PINNATA	TANSY MUSTARD
37	State Threatened	14.3217	ANDROSACE OCCIDENTALIS	WESTERN ROCK-JASMINE
38	State Threatened	14.3217	CONYZA RAMOSISSIMA	BUSHY HORSEWEED
39	State Threatened	14.3998	HEDEOMA HISPIDA	ROUGH PENNYROYAL
40	State Endangered	14.6894	FUNDULUS DIAPHANUS MENONA	WESTERN BANDED KILLIFISH
41	State Threatened	14.7464	ARABIS LYRATA	LYRE-LEAVED ROCK CRESS
42	State Threatened	14.7640	CONYZA RAMOSISSIMA	BUSHY HORSEWEED
43	State Threatened	14.9396	ELEOCHARIS COMPRESSA	FLAT-STEMMED SPIKE-RUSH

Fostoria Industries
Public Ground Water Systems

ID	PWS ID	SYSTEM TYPE	NAME	ADDRESS	CITY	ST	DISTANCE	POPULATION
1	8740712	Non-Community/Transient	WIGWAM RESTAURANT	2491 MCCUTCHENVILLE RD	FOSTORIA	OH	0.6181	38
2	7447712	Non-Community/Transient	WEBER RENTAL HALL	911 LINCOLN AVE	FOSTORIA	OH	0.8449	301
3	7434712	Non-Community/Transient	GRACE UN CH OF CHRIST	P O BOX 1277	FOSTORIA	OH	1.4629	160
4	7400712	Community	FOSTORIA MOBILE ESTATES	5473 N TWP RD 63,P.O.BOX 101	FOSTORIA	OH	1.9631	195
5	7401212	Community	PELTON MOBILE HOME PARK	12400 W AXELINE RD - LOT 1463	FOSTORIA	OH	2.3007	225
6	7448712	Non-Community/Non-Transient	CALIBER AUTOMOTIVE TRANS	3101 NORTH TOWNSHIP ROAD 47	FOSTORIA	OH	2.9164	25
7	7435912	Non-Community/Transient	LOUDON MEADOWS GOLF COUR	11072 COLUMBUS AVE. W SR 18	FOSTORIA	OH	3.1388	154
8	7434012	Non-Community/Transient	FOSTORIA UNITED SPORTSME	115 US 23N, P.O.BOX 611	FOSTORIA	OH	3.3184	50

Fostoria Industries
2000 Census Data

RADIUS	TOTAL	WHITE	BLACK	INDIAN	ASIAN	HAWAII_PAC	OTHER
3.00 - 4.00	2266	2134	46	4	8	0	73
2.00 - 3.00	4028	3684	132	12	13	0	188
1.00 - 2.00	6373	5598	347	15	34	0	380
0.50 - 1.00	3044	2676	161	5	11	0	192
0.25 - 0.50	1256	1054	101	1	8	0	92
0.00 - 0.25	260	176	46	0	1	0	37
TOTALS	17227	15322	833	37	75	0	962

Fostoria Industries
Public Surface Water Systems

ID	PWS ID	SYSTEM TYPE	NAME	ADDRESS	CITY	ST	DISTANCE	POPULATION
1	7400411	Community	FOSTORIA, CITY OF	PO BOX 1007	FOSTORIA	OH	2.1176	15062
2	7400614	Community	OH/AM WATER-TIFFIN DISTR	DRAWER T	TIFFIN	OH	12.7000	21000
3	3200111	Community	FINDLAY, CITY OF	110 NORTH BLANCHARD STREET	FINDLAY	OH	13.3173	40000
4	8701611	Community	NORTH BALTIMORE, VLG OF	205 NORTH MAIN STREET	NORTH BALTIMORE	OH	13.5018	3229